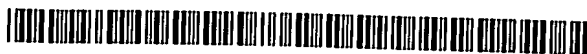


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(54) Title: ISOLATED NY-ESO-1 PEPTIDES WHICH BIND TO HLA CLASS II MOLECULES AND USES THEREOF

(57) Abstract: The invention relates to peptides which consist of amino acid sequences found in the NY-ESO-1 molecule, which bind to MHC-Class II molecules. These can be used alone, or in combination with other peptides.

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# INTERNATIONAL SEARCH REPORT

International application No. ---  
PCT/US04/16849

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 5/06; C07K 7/08, 14/435  
US CL : 435/325; 530/312, 314

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 435/325; 530/312, 314

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,800,730 B1 (TURECI et al) 5 October 2004 (05.10.2004), see entire patent, Abstract in particular	1-13

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/1684

## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



in written format



in computer readable form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in computer readable form



furnished subsequently to this Authority for the purposes of search

2. ☒

In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3.

Additional comments:

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/16849

Continuation of B. FIELDS SEARCHED Item 3:  
EAST; STN Medline, Embase, Scisearch  
sequence database for SIDN:1  
TERMS: NY-ESO-1